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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/453,234

DATE: 10/24/2001  
TIME: 13:27:35

TECH CENTER 1600/2300

Input Set : A:\20015110US.APP

Output Set: N:\CRF3\10242001\I453234.raw

410  
11-15-01  
P.2.

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3 <110> APPLICANT: Buechler, Joe  
 4 Valkirs, Gunars  
 5 Gray, Jeff  
 6 Lonberg, Nils  
 7 Biosite Diagnostics, Inc.  
 8 GenPharm International

10 <120> TITLE OF INVENTION: Human Antibodies  
 12 <130> FILE REFERENCE: 020015-000110US  
 14 <140> CURRENT APPLICATION NUMBER: 09/453,234  
 15 <141> CURRENT FILING DATE: 1999-12-01  
 17 <150> PRIOR APPLICATION NUMBER: US 60/157,415  
 18 <151> PRIOR FILING DATE: 1999-10-02  
 20 <160> NUMBER OF SEQ ID NOS: 112  
 22 <170> SOFTWARE: PatentIn Ver. 2.1  
 24 <210> SEQ ID NO: 1  
 25 <211> LENGTH: 43  
 26 <212> TYPE: DNA  
 27 <213> ORGANISM: Artificial Sequence ✓  
 29 <220> FEATURE:  
 30 <223> OTHER INFORMATION: Oligo 188 ✓  
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 53 <220> FEATURE:  
 54 <223> OTHER INFORMATION: Description of Artificial Sequence: Oligo 948 ✓  
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 65 <220> FEATURE:  
 66 <223> OTHER INFORMATION: Description of Artificial Sequence: Oligo 952 ✓  
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 69 gatgggacct tggaggagtc 20  
 72 <210> SEQ ID NO: 5

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73 <211> LENGTH: 43  
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77 <220> FEATURE:  
78 <223> OTHER INFORMATION: Description of Artificial Sequence: Oligo 189 ✓  
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85 <211> LENGTH: 46  
86 <212> TYPE: DNA  
87 <213> ORGANISM: Artificial Sequence  
89 <220> FEATURE:  
90 <223> OTHER INFORMATION: Description of Artificial Sequence: Oligo 931 ✓  
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126 <223> OTHER INFORMATION: Description of Artificial Sequence: Oligo 934 ✓  
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132 <210> SEQ ID NO: 10  
133 <211> LENGTH: 46  
134 <212> TYPE: DNA  
135 <213> ORGANISM: Artificial Sequence  
137 <220> FEATURE:  
138 <223> OTHER INFORMATION: Description of Artificial Sequence: Oligo 935 ✓  
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144 <210> SEQ ID NO: 11  
145 <211> LENGTH: 46

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150 <223> OTHER INFORMATION: Description of Artificial Sequence: Oligo 936 ✓  
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158 <212> TYPE: DNA  
159 <213> ORGANISM: Artificial Sequence  
161 <220> FEATURE:  
162 <223> OTHER INFORMATION: Description of Artificial Sequence: Oligo 937 ✓  
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169 <211> LENGTH: 46  
170 <212> TYPE: DNA  
171 <213> ORGANISM: Artificial Sequence  
173 <220> FEATURE:  
174 <223> OTHER INFORMATION: Description of Artificial Sequence: Oligo 955 ✓  
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182 <212> TYPE: DNA  
183 <213> ORGANISM: Artificial Sequence  
185 <220> FEATURE:  
186 <223> OTHER INFORMATION: Description of Artificial Sequence: Oligo 956 ✓  
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192 <210> SEQ ID NO: 15  
193 <211> LENGTH: 21  
194 <212> TYPE: DNA  
195 <213> ORGANISM: Artificial Sequence  
197 <220> FEATURE:  
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204 <210> SEQ ID NO: 16  
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209 <220> FEATURE:  
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213 ttaccctgt ggcaaaagcc gaggtgcagc tggtggagtc tgg 43  
216 <210> SEQ ID NO: 17  
217 <211> LENGTH: 43  
218 <212> TYPE: DNA

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219 <213> ORGANISM: Artificial Sequence  
221 <220> FEATURE:  
222 <223> OTHER INFORMATION: Description of Artificial Sequence: Oligo 946 ✓  
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228 <210> SEQ ID NO: 18  
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230 <212> TYPE: DNA  
231 <213> ORGANISM: Artificial Sequence  
233 <220> FEATURE:  
234 <223> OTHER INFORMATION: Description of Artificial Sequence: Oligo 947 ✓  
236 <400> SEQUENCE: 18  
237 ttaccctgt ggcaaaagcc caggtgcagc tacagcagtg ggg 43  
240 <210> SEQ ID NO: 19  
241 <211> LENGTH: 21  
242 <212> TYPE: DNA  
243 <213> ORGANISM: Artificial Sequence  
245 <220> FEATURE:  
246 <223> OTHER INFORMATION: Description of Artificial Sequence: Oligo 953 ✓  
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249 gacagatggt gcagccacag t 21  
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257 <220> FEATURE:  
258 <223> OTHER INFORMATION: Description of Artificial Sequence: Oligo 864 ✓  
260 <400> SEQUENCE: 20  
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262 ttccagcttg gtccc 75  
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267 <212> TYPE: DNA  
268 <213> ORGANISM: Artificial Sequence  
270 <220> FEATURE:  
271 <223> OTHER INFORMATION: Description of Artificial Sequence: Oligo 862 ✓  
273 <400> SEQUENCE: 21  
274 gtgatggtga tggatgatgga tcggagtacc aggttatcga gccctcgata ttgaggagac 60  
275 ggtgactga 69  
278 <210> SEQ ID NO: 22  
279 <211> LENGTH: 17  
280 <212> TYPE: DNA  
281 <213> ORGANISM: Artificial Sequence  
283 <220> FEATURE:  
284 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer 5 ✓  
286 <400> SEQUENCE: 22  
287 gcaactgttg ggaaggg 17  
290 <210> SEQ ID NO: 23  
291 <211> LENGTH: 20

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292 <212> TYPE: DNA  
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295 <220> FEATURE:  
296 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer 197 ✓  
298 <400> SEQUENCE: 23  
299 tcgctgccca accagccatg 20  
302 <210> SEQ ID NO: 24  
303 <211> LENGTH: 46  
304 <212> TYPE: DNA  
305 <213> ORGANISM: Artificial Sequence  
307 <220> FEATURE:  
308 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer 869 ✓  
310 <400> SEQUENCE: 24  
311 gggaccaagc tggaaataaa acgggctgtg gctgcaccat ctgtct 46  
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315 <211> LENGTH: 45  
316 <212> TYPE: DNA  
317 <213> ORGANISM: Artificial Sequence  
319 <220> FEATURE:  
320 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer 870 ✓  
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328 <212> TYPE: DNA  
329 <213> ORGANISM: Artificial Sequence  
331 <220> FEATURE:  
332 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer 867 ✓  
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335 tcagtcaccg tctcctcagc ctccaccaag ggcccac 38  
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341 <213> ORGANISM: Artificial Sequence  
343 <220> FEATURE:  
344 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer 876 ✓  
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347 gtgatggtga tggatgatgag atttgggctc tgctttcttg tcc 43  
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353 <213> ORGANISM: Artificial Sequence  
355 <220> FEATURE:  
356 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer 885 ✓  
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359 taagagcggg aagagtgccca g 21  
362 <210> SEQ ID NO: 29  
363 <211> LENGTH: 69  
364 <212> TYPE: DNA

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/453,234

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